

Docket No. 278097US2PCT  
 IN RE APPLICATION OF: Naomi YONEMURA, et al.  
 SERIAL NO: 10/553,076  
 FILED: October 12, 2005  
 FOR: METAL-BASE CIRCUIT BOARD AND ITS MANUFACTURING METHOD

COMMISSIONER FOR PATENTS  
 ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required  
☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.  
☒ Additional documents filed herewith: Second Preliminary Amendment

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	18	MINUS	20	0	x \$50 =	\$0.00
INDEPENDENT	6	MINUS	6	0	x \$200 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$360 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

- ☐ A check in the amount of \$0.00 is attached.
- ☐ Credit card payment form is attached to cover the fees in the amount of \$0.00
- ☒ Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,  
 MAIER & NEUSTADT, P.C.

*Corwin Paul Umbach*

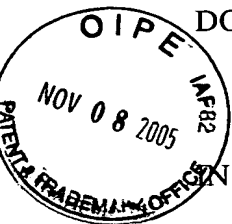
Marvin J. Spivak  
 Registration No. 24,913

Corwin P. Umbach, Ph.D.  
 Registration No. 40,211  
 Surinder Sachar  
 Registration No. 34,423.

Customer Number

**22850**

Tel. (703) 413-3000  
 Fax. (703) 413-2220  
 (OSMMN 05/03)



DOCKET NO: 278097US2PCT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

:

NAOMI YONEMURA, ET AL.

: ATTN: APPLICATION DIVISION

SERIAL NO: 10/553,076

:

FILED: OCTOBER 12, 2005

:

FOR: METAL-BASE CIRCUIT BOARD  
AND ITS MANUFACTURING  
METHOD

:

SECOND PRELIMINARY AMENDMENT

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Prior to a first examination on the merits, please amend the above-identified  
application as follows:

**Amendments to the Specification** begin on page 1 of this paper.

**Remarks/Arguments** begin on page 3 of this paper.